

ABSTRACT OF THE DISCLOSURE

An engine including first scavenging passages for fluidly connecting between a combustion chamber and a crank chamber through bearings for the crankshaft, second scavenging passages fluidly connecting directly between the combustion chamber and the crank chamber, a suction chamber formed in a side face of a piston. An air-fuel mixture is sucked into the suction chamber and an air is introduced into the crank chamber. During the intake stroke, the air-fuel mixture from the air-fuel mixture passage is introduced into the first scavenging passages through the suction chambers, and the air is introduced into the crank chamber. During the scavenging stroke, before the air-fuel mixture in the first scavenging passages is introduced into the combustion chamber, introduction of the air in the crank chamber into the combustion chamber through the second scavenging passages starts.